



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/726,046

12/02/2003

Kailash K. Mutha

LUC-430/Mutha 1

2678

32205 7590 02/16/2010

Carmen Patti Law Group , LLC  
ONE N. LASALLE STREET  
44TH FLOOR  
CHICAGO, IL 60602

EXAMINER

DAFTUAR, SAKET K

ART UNIT

PAPER NUMBER

2451

MAIL DATE

DELIVERY MODE

02/16/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/726,046	<b>Applicant(s)</b> MUTHA, KAILASH K.	
	<b>Examiner</b> SAKET K. DAFTUAR	<b>Art Unit</b> 2451	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 October 2009.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                        | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

1. This office action is responsive to the amendment filed on October 13<sup>th</sup>, 2009. Claims 1-30 are presented for the further examination whereas claims 29-30 are new added claims.

***Response to Arguments***

2. Applicant's arguments with respect to claims 1-30 have been considered but are moot in view of the new ground(s) of rejection.

3. Applicant's arguments, see remarks, pages 1-4, October 13<sup>th</sup>, 2009, with respect to the rejection(s) of claim(s) 1-28 under 35 USC 103 (a), have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. Applicant has amended all independent claims and added claims 29-30. However, upon further consideration, a new ground(s) of rejection is made further in view of Jacobi et al US Patent Number 6,584,095 (hereinafter Jacobi).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-2, 5-11, 14-15, and 19-28 rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar et al U.S. Patent Number 6,324,582 B1 (hereinafter Sridhar)

Art Unit: 2451

and Thompson et al U.S. Publication Number 2002/0075304 A1 (hereinafter Thompson), Gonzalez et al. US Patent Number 6,901,139 B2 (hereinafter Gonzalez), and further in view of Jacobi et al US Patent Number 6,584,095 (hereinafter Jacobi).

As per claim 1, Sridhar discloses one or more server [see figure 6, blocks 616, 630, 640] components operable to communication with one or more router component wherein the one or more server components employ one or more identifiers of one or more communication devices [router 614, 622] to make a determination of one or more internet protocol addresses of one or more router components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29), wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components,(Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, see Figures 6, 9-11 and column 19, lines 1-51 see figure 1, router is located in network).

Sridhar teaches that each network is associated with Router (see figure 1, router is located in network) in order for packet to be transported to and from the assigned network.

However, Sridhar is silent about the user identifier being a phone number, an email address, an Instant message name and user name and the router being located in the one or more homes or offices network and wherein at least one of the one or more screening preferences is an alert preference which directs the communication devices to employ a different ring tone or message alert for the

Art Unit: 2451

one or more messages or calls and wherein the one or more server components assign an internet protocol (IP) address to the one or more communication devices.

Thompson teaches that the one or more identifiers comprise any one or more of: a phone number [respective unique dial numbers in the switched telephone network] for one or more users [team] associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile); an email address for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile) ; an instant message name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions); and a user name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108

Art Unit: 2451

team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions) located in a home or office network.; wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session); and a voice over Internet Protocol (VOIP) call [ examiner considers Thompson is directed to a method and system for supporting communications within a virtual team environment and clearly discloses a online or web conference system such as "NetMeeting" and discloses or suggest such "collaboration between two or more people using text chat, streaming video, and/or voice over Internet Protocol (VOIP) conversation" (see paragraph 0010)].

Art Unit: 2451

Gonzalez teaches one of the one or more screening preferences is an alert preference which directs the communication devices to employ a different ring tone or message alert for the one or more messages or calls (see abstract, see figure 3, column 1, line 23 - column 2, line 46, column 3, line 35 - column 5, line 43).

Jacobi teaches the one or more server components assign an internet protocol (IP) address to the one or more communication devices (see figures 2-5, column 2, lines 46-56, see figure 3 with column 4, lines 20-35).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Jacobi and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 2, Sridhar discloses the one or more server components employ the one or more identifiers to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more

Art Unit: 2451

router components (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14)

As per claim 5, Sridhar discloses upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more server components communicate one or more messages or calls through the internet to the one or more internet protocol addresses of the one or more router components (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 6 and 20, Sridhar discloses one or more server components that employ one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices; an instant message name for the one or more users associated with the one or more communication devices; and a user name for the one or more users associated with the one or more communication devices.

However, Sridhar is silent about one or more of the one or more messages or calls comprise one or more video messages.



Art Unit: 2451

Thompson teaches the apparatus of claim 5, wherein one or more of the one or more messages or calls comprise one or more video messages wherein the one or more of the one or more server components communicate the one or more video messages through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components (see paragraph 0010, 0037, 0078)

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Jacobi, and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 7, Sridhar discloses one or more second server components that employ the one or more identifiers of the one or more communication devices to direct the one or more messages or calls through the one or more router components to the one or more communication devices (column 8, line 18

Art Unit: 2451

– column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 8, Sridhar discloses one or more of the one or more second server components employ one or more screening preferences of one or more of the one or more users associated with one or more of the one or more communication devices to direct one or more of the one or more messages or calls to the one or more of the one or more communication devices (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 9, Sridhar discloses the one or more screening preferences are stored in one or more databases (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29), wherein the one or more of the one or more second server components employ the one or more of the one or more messages or calls to perform a search of the one or more screening preferences [database directory, column 17, lines 40-58], wherein the one or more of the one or more second server components employ one or more results of the search to direct the one or more of the one or more messages to the one or more of the one or more communication devices (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claims 10 and 11, Sridhar discloses one or more server components that employ one or more identifiers of one or more communication

Art Unit: 2451

devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices ; an instant message name for the one or more users associated with the one or more communication devices; and a user name for the one or more users associated with the one or more communication devices.

However, Sridhar is silent about one or more of the one or more router components are coupled with a landline telephone network and one or more of the one or more router components are coupled with a mobile network.

Thompson teaches one or more of the one or more router components are coupled with a landline [wired telephone] telephone network and one or more of the one or more router components are coupled with a mobile [wireless communication network] network (see paragraph 0078 and figure 1).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Jacobi, and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking

system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 14, Sridhar discloses wherein the one or more first server components employ the one or more identifiers to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more router components (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14)); wherein upon the determination by the one or more first server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more first server components communicate one or more messages or calls through the internet to the one or more internet protocol addresses of the one or more router components (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); the apparatus further comprising: one or more second server components (Abstract, column 5, line 5 – column 6, line 20); wherein upon receipt of the one or more messages or calls at the one or more router components, the one or more second server components employ the one or more identifiers of the one or more communication devices to direct the one or more [command messages such as abort message goes

Art Unit: 2451

through gateway device to remote server] messages or calls through the one or more router components to the one or more communication devices (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14, column 14, line 49 – column 15, line 7).

As per claim 15, Sridhar discloses searching one or more databases (column 8, line 18 – column 9, line 29), with one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); and sending one or more messages (column 14, line 49 – column 15, line 7 and Figure 6; sending command messages such as abort message via gateway communicating device), or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more communication devices, wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components, (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, see Figures 6, 9-11 and column 19, lines 1-51 see figure 1, router is located in network).

Sridhar teaches that each network is associated with Router (see figure 1, router is located in network) in order for packet to be transported to and from the assigned network.

However, Sridhar is silent about the user identifier being a phone number, an email address, an Instant message name and user name and the router being located in the one or more homes or offices network and wherein at least one of the one or more screening preferences is an alert preference which directs the communication devices to employ a different ring tone or message alert for the one or more messages or calls, and wherein the one or more server components assign an internet protocol (IP) address to the one or more communication devices.

Thompson discloses that a network could be a home network or office network (see Figure 1, block 4a, 10a and 4b, 10b) wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference]

Art Unit: 2451

has joined the voice communications session); and a voice over Internet Protocol (VOIP) call [ examiner considers Thompson is directed to a method and system for supporting communications within a virtual team environment and clearly discloses a online or web conference system such as "NetMeeting" and discloses or suggest such "collaboration between two or more people using text chat, streaming video, and/or voice over Internet Protocol (VOIP) conversation" (see paragraph 0010)].

Gonzalez teaches one of the one or more screening preferences is an alert preference which directs the communication devices to employ a different ring tone or message alert for the one or more messages or calls (see abstract, see figure 3, column 1, line 23 - column 2, line 46, column 3, line 35 - column 5, line 43).

Jacobi teaches the one or more server components assign an internet protocol (IP) address to the one or more communication devices (see figures 2-5, column 2, lines 46-56, see figure 3 with column 4, lines 20-35).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Jacobi and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting

Art Unit: 2451

system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 19, Sridhar discloses the method of claim 15, wherein the one or more databases comprise one or more first databases, wherein the step of sending the one or more messages or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more communication devices comprises the steps of: searching one or more second databases to direct one or more of the one or more messages or calls to one or more of the one or more communication devices (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 14, line 49 – column 15, line 7; column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); directing the one or more of the one or more communication messages to the one or more of the one or more communication devices through employment of one or more of the one or more identifiers and one or more message screening preferences [database directory, column 17, lines 40-58], of one or more users of the one or more communication devices (Abstract, column5, line 5 – column 6, line 20, column 14, line 49 – column 15, line 7; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).



As per claim 21, claim 21 is an article claim of method claim 15. Claim 21 does not teach or further define over the limitation as recited in claim 15. Therefore, claim 21 is rejected under same scopes as discussed in claim 15, supra.

As per claim 22, Sridhar discloses one or more communication devices comprise one or more of a computer (see Figure 14).

As per claim 23, Thompson discloses one or more router components located in the one or more homes or offices are operable to receive a call or message from a network component through a fixed wireless interface (see Figures.1-4 and paragraph 0078 ).

As per claims 23-25, Thompson teaches that a network could be a home network or office network (see Figure 1, block 4a, 10a and 4b, 10b), and wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or more messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Jacobi and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 26, Gonzalez teaches another one of the screening preferences is a forwarding preference which directs the one or more messages or calls to another communication device (see abstract, see figure 3, column 1, line 23 - column 2, line 46, column 3, line 35 - column 5, line 43).

As per claim 27, Gonzalez teaches another one of the screening preferences is a forwarding preference which directs the one or more messages or calls to another muter component in another location (see abstract, see figure 3, column 1, line 23 - column 2, line 46, column 3, line 35 - column 5, line 43).

As per claim 28, Gonzalez teaches another one of the screening preferences is a preference for a voice mailbox or an answering machine(

Art Unit: 2451

answering service, see abstract, see figure 3, column 1, line 23 - column 2, line 46, column 3, line 35 - column 5, line 43) .

As per claims 29-30, they do not teach or further define the claims as recited in claim 1 (amended). Therefore, claims 29-30 are rejected under same rationale as discussed in claim 1.

6. Claims 3-4 and 16-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Gonzalez, Jacobi, and Thompson (hereinafter Sridhar1) as applied to claims 1-2, 5-11, 14-15, and 19-21 above, and further in view of Conrath U.S. Patent Number 7,103,770 B2 (hereinafter Conrath).

As per claims 3 and 4, Sridhar1 discloses one or more server components that employ one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices; an instant message name for the one or more users associated with the one or more communication devices; and a user name for the one or more users associated with the one or more communication devices, and wherein the one or more server components assign an internet protocol (IP) address to the one or more communication devices.

However, Sridhar<sup>1</sup> is silent about the Internet protocol not being static and dynamic address.

As per claim 3, Conrath teaches wherein one or more of the one or more server components search one or more of the one or more databases to make a determination of the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6).

As per claim 4, Conrath teaches wherein one or more of the one or more server components search one or more of the one or more databases to make a determination of the one or more static internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Gonzalez, Jacobi, Conrath and Thompson, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claims 16 and 17, Sridhar1 discloses searching one or more databases, with one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components; and sending one or more messages, or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more communication devices.

However, Sridhar1 is silent about the Internet protocol not being static and dynamic address.

As per claim 16, Conrath teaches determination of the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6); and sending one or more of the one or more messages or calls through the internet to the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6 and column 9, lines 4-13 for messaging using Internet address and TCP ports that support static and dynamic IP addresses).

As per claim 17, Conrath teaches determination of the one or more static internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6); and sending one or more of the one or more messages or calls through the internet to the one or more static internet protocol addresses of the one or more of the one or more router components

Art Unit: 2451

(column 1, line 60 – 2, line 6 and column 9, lines 4-13 for messaging using Internet address and TCP ports that support static and dynamic IP addresses).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the teachings of Sridhar, Gonzalez, Jacobi, Conrath, and Thompson, as they all are from same field endeavor, to provide an improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to start the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers an improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

As per claim 22, Thompson discloses one or more communication devices comprise one or more of a computer, telephone, mobile phone (see Figures.2-4).

7. Claims 12, 18, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Thompson, Jacobi, Gonzalez, and Conrath (hereinafter Sridhar2) as applied to claims 1- 11, 14-17, and 19-21 above, and further in view of Brooks et al U.S. Patent Number 7, 047,305 B1 (hereinafter Brooks).

As per claims 12 and 18, Sridhar2 discloses one or more server components that employ one or more identifiers of one or more communication

devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices; an instant message name for the one or more users associated with the one or more communication devices; and a user name for the one or more users associated with the one or more communication devices. and wherein the one or more server components assign an internet protocol (IP) address to the one or more communication devices.

However, Sridhar2 is silent about one or more of the one or more communication devices comprise one or more smart appliances with one or more functions and one or more functions of the one or more smart appliances through direction of one or more of the one or more messages or calls through one or more of the one or more router components.

As per claims 12 and 18, Brooks teaches the one or more of the one or more communication devices comprise one or more smart appliances with one or more function, wherein one or more of the one or more second server components direct one or more of the one or more messages [video streaming] or calls through one or more of the one or more router components to trigger one or more of the one or more functions of the one or more smart appliances and the step of sending the one or more messages or calls to the one or more

Art Unit: 2451

internet protocol addresses of the one or more router components (see column 1, lines 20-36).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Thompson, Gonzalez, Conrath, Jacobi, and Brooks, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

8. Claim 13 rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Thompson, Gonzalez, Conrath, Jacobi, and Brooks (herinafter Sridhar3) as applied to claims 1- 12 and 14-21 above, and further in view of Maes et al U.S. Patent Number 6,801,604 B2 (hereinafter Maes).

As per claim 13, Sridhar3 discloses one or more server components that employ one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a



Art Unit: 2451

phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices; an instant message name for the one or more users associated with the one or more communication devices; a user name for the one or more users associated with the one or more communication devices; and wherein the one or more server components assign an internet protocol (IP) address to the one or more communication devices.

However, Sridhar3 is silent about one or more mobile communication devices and wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

As per claim 13, Maes teaches one or more mobile communication devices (see column 1, lines 35-56, column 3, lines 50-65;) and wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol (see column 10, lines 20-25; column 40, lines 4-33) to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

Art Unit: 2451

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Thompson, Gonzalez, Conrath, Jacobi, and Brooks and Maes, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to allow average internet users to deliver their streaming data over the Internet at minimal setup for a low cost, to provide an improved monitoring that allows user to starts the stream from within the viewer controls and to provide a built in session tracking system or alerting system separate by utilizing the known technique as taught by Gonzalez to provide users or subscribers a improved service that automatically identifies the other communicating party of selective distinct ring tones for several messaging types.

### ***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See accompanying PTO 892 form.

- a. Method and System for Supporting Wireless Communications within an Internetwork by Jacobi et al . US Patent Numbe r6,584,095 B1.
- b. Selective Routing by Raciborski et al, U.S. Patent Number 6,658,000 B1.
- c. Architecture for client- server communication by Verkler et al. U.S. Patent Number 6,157,941 A.

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

#### ***Contact Information***

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saket K. Daftuar whose telephone number is 571-272-8363. The examiner can normally be reached on 8:30am-5:00pm M-W.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

Art Unit: 2451

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. K. D./

Examiner, Art Unit 2451

/John Follansbee/

Supervisory Patent Examiner, Art Unit 2451